

**WEST**

Help

Logout

Interrupt

Main Menu

Search Form

Posting Counts

Show \$ Numbers

Edit \$ Numbers

Preferences

Cases

## Search Results -

Terms	Documents
L3 same denatur\$	8

Database:

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

## Search History

DATE: Tuesday, January 14, 2003 [Printable Copy](#) [Create Case](#)Set Name Query  
side by sideHit Count Set Name  
result set

DB=USPT; PLUR=YES; OP=OR

<u>L4</u>	L3 same denatur\$	8	<u>L4</u>
<u>L3</u>	L2 same electrophores\$	57	<u>L3</u>
<u>L2</u>	L1 same immobiliz\$ same probe	365	<u>L2</u>
<u>L1</u>	(purif\$ or isolate\$) same nucleic	18700	<u>L1</u>

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal655axc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS EXPRESS			January 6 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information

NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:48:01 ON 14 JAN 2003

=> file medline biosis caplus embase  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 12:48:17 ON 14 JAN 2003

FILE 'BIOSIS' ENTERED AT 12:48:17 ON 14 JAN 2003  
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'CAPLUS' ENTERED AT 12:48:17 ON 14 JAN 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 12:48:17 ON 14 JAN 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

=> s (purif? or isolat?) (p)nucleic  
L1 26707 (PURIF? OR ISOLAT?) (P) NUCLEIC

=> s l1 (p)immobiliz? (p)probe?  
L2 134 L1 (P) IMMOBILIZ? (P) PROBE?

=> s l2 (p)electrophores?  
L3 17 L2 (P) ELECTROPHORES?

=> s l3 (p)denatur?  
L4 7 L3 (P) DENATUR?

=> d his

(FILE 'HOME' ENTERED AT 12:48:01 ON 14 JAN 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:48:17 ON 14 JAN 2003

L1 26707 S (PURIF? OR ISOLAT?) (P)NUCLEIC  
L2 134 S L1 (P)IMMOBILIZ? (P)PROBE?  
L3 17 S L2 (P)ELECTROPHORES?  
L4 7 S L3 (P)DENATUR?

L5 ANSWER 2 OF 4 MEDLINE  
 AN 1998435197 MEDLINE  
 DN 98435197 PubMed ID: 9762449  
 TI Mutation typing using electrophoresis and gel-immobilized Acrydite probes.  
 AU Kenney M; Ray S; Boles T C  
 CS Mosaic Technologies, Inc., Boston, MA, USA.  
 SO BIOTECHNIQUES, (1998 Sep) 25 (3) 516-21.  
 Journal code: 8306785. ISSN: 0736-6205.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals; AIDS  
 EM 199811  
 ED Entered STN: 19990106  
 Last Updated on STN: 19990106  
 Entered Medline: 19981125  
 AB A new **electrophoresis** technology for hybridization-based sequence detection and mutation typing is described. Intrinsic to this approach is copolymerization of specially modified oligonucleotide **probes** directly into polyacrylamide gels. **Electrophoresis** of single-stranded samples through gels containing specific **immobilized probes** results in hybridization-mediated capture of complementary targets. By increasing gel temperature or including **denaturants** in the buffer, the method can be used to type single-nucleotide polymorphisms. The method can easily be adapted to type mutations in PCR-amplified samples. Acrydite gel technology will also be useful for many other applications, including hybridization-based diagnostics, analysis of gene expression and **purification** of **nucleic** acids from biological samples.

DUPLICATE 1